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APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/829,162	04/22/2004		Hirofumi Dodoro	K06-169665M/TBS	5745
21254	7590	06/01/2005		EXAMINER	
MCGINN & GIBB, PLLC 8321 OLD COURTHOUSE ROAD			YEE, DEBORAH		
SUITE 200	OURTHOU	SL ROAD	•	ART UNIT	PAPER NUMBER
VIENNA, VA 22182-3817			1742		

DATE MAILED: 06/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

			rs
	Application No.	Applicant(s)	
	10/829,162	HIROFUMI DODORO ET AL	
Office Action Summary	Examiner	Art Unit	
	Deborah Yee	1742	
The MAILING DATE of this communication appeared for Reply	ppears on the cover sheet w	ith the correspondence a	ddress
• •	VIC CET TO EVOIDE AN	AONTU(S) EDOM	
A SHORTENED STATUTORY PERIOD FOR REPI THE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a rej - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statuly Any reply received by the Office later than three months after the mailine earned patent term adjustment. See 37 CFR 1.704(b).	. 136(a). In no event, however, may a ply within the statutory minimum of this will apply and will expire SIX (6) MOI te, cause the application to become A	reply be timely filed rly (30) days will be considered time NTHS from the mailing date of this BANDONED (35 U.S.C. § 133).	ely. communication.
tatus		. •	
1) Responsive to communication(s) filed on	,		
· _ ·	is action is non-final.		
3) Since this application is in condition for allowed	ance except for formal mat	ters, prosecution as to th	e merits is
closed in accordance with the practice under	Ex parte Quayle, 1935 C.	D. 11, 453 O.G. 213.	
isposition of Claims			
4)⊠ Claim(s) <u>1-5</u> is/are pending in the application.			
4a) Of the above claim(s) is/are withdra			
5) Claim(s) is/are allowed.			
6)⊠ Claim(s) <u>1-5</u> is/are rejected.			
7) Claim(s) is/are objected to.			
8) Claim(s) are subject to restriction and/	or election requirement.		
pplication Papers			
9)☐ The specification is objected to by the Examin	er.		
10) The drawing(s) filed on is/are: a) ac		by the Examiner.	
Applicant may not request that any objection to the			
Replacement drawing sheet(s) including the correct		` ,	FR 1.121(d).
11) The oath or declaration is objected to by the E	·	•	` '
riority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign	n priority under 35 U.S.C. a	\$ 119(a)-(d) or (f)	
a) ☐ All b) ☐ Some * c) ☒ None of:	_F undoi 00 0.0.0.	5 . 1 · (·) (·) · (·).	
1. Certified copies of the priority documen	ts have been received.		
2. Certified copies of the priority documen		application No.	
3. Copies of the certified copies of the price			Stage
application from the International Burea	-		-
* See the attached detailed Office action for a list	t of the certified copies not	received.	
tachment(s)			
Notice of References Cited (PTO-892)	4) 🔲 Interview S	Summary (PTO-413)	
Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date	0.450)
Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	ا 5) ا Notice of I	nformal Patent Application (PT	U-152)

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Art Unit: 1742

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1 to 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Japanese patent 2001-131712.
- 3. Claims 1 to 3 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Takemura et al (US Patent 6,409,846).
- 4. Claims 1, 2, and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Tanaka et al (US Patent 6,086,686) or or Tanaka et al (US Patent 5,988,042).
- 5. Each reference teaches specific bearing steel alloy examples that meet the claimed composition and have been surface hardened to have a surface hardness of at least HRC 57. See JP'712, alloys 1 to 3 in Table 1 of paragraph 20 and hardness of at least HRC58 in paragraph 17; Takemura, alloys 1,2, 4-6 and 11-13, Tables 1 to 5; and Tanaka'686, alloys A to F in Tables I and 2 in column 26 and alloys A to F in Tables 16-17 in column 41-42 and Tanaka'042, alloys A,D,E and F in Tables 1 and 2A of column 18 and alloys N to R in Table 3 and 4A in columns 22-23. Also excellent acoustic performance is taught by prior art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Deborah Yee whose telephone number is 571-272-1253. The examiner can normally be reached on Monday-Friday from 6:00 to 2:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy King can be reached on 571-272-1244. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Deborah Yee Primary Examiner Art Unit 1742